

# Astronomical League

## Planetary Nebula Observing Club

<b>1</b>	<b>NGC 40</b>	<b>Cep</b>	<b>H58-4</b>	<b>Planetary Neb 3b+3</b>	<b>F,VS,R,VSMBM,*12SP</b>
	Sep 02 2008 31"	17mmT4	PB,ML,OVAL,LAYERS OF RINGS DET,B CNTR*,GREENISH,F* ON EDGE,OIII NO HELP,R=E		
	Jul 09 1983 12.5"	12mm	MB,PS,BNEC,B CNTR *,SHARP EDGES,R		
	Aug 13 1982 12.5"	16mm	BG COLOR,MF,PS,R,B CNTR *,(10TH MAG),SIM TO BLINKING PL,F*W SIDE		
	Aug 13 1982 12.5"	7mm	EL STARTING TO SHOW UP		
<b>2</b>	<b>NGC 246</b>	<b>Cet</b>	<b>H25-5</b>	<b>Planetary Neb 3b</b>	<b>VF,L,4*IN DIF NEB</b>
	Sep 02 2008 31"	17mmT4	VF,ML,OVAL,OIII HELPS GRTLY,TRANSLUCENT BUBLE,CNTR* 13MAG,BRINGS IN EDGE,R=G		
	Sep 27 1981 12.5"	16mm	DIF,BLUE GREEN,MB,BL,SOURRS 4 *S, 1 * S,PATCHY OVALNESS		
	Oct 31 1980 12.5"	24mm			
	Oct 29 1980 8"	24mm			
	Sep 18 1980 12.5"	24mm	3*S IN NEB,ONE MOST LIKELY CNTR *		
<b>3</b>	<b>NGC 650</b>	<b>Per</b>	<b>M76 H193-1</b>	<b>Planetary Neb 3+6</b>	<b>VB,P OF DNEB =M76</b>
	Sep 02 2008 31"	17mmT4	VB,VL,BHOUR GLASS CNTR RGN,F WISPS OF NEB SIDES,OIII NO HELP,F* EDGE OF HOUR GLASS,NO CNTR* DET,R=E		
	Mar 19 2004 12.5"	12mmT4	W/OIII, VB,PL,HOUR GLASS SHAPE,BAR,TWO HALVES,MESSIER MARATHON 2004,R=E		
	Dec 06 2002 12.5"	9mmT6	PB,PL,2 LOBES EASILY DET,MHISB,B RGN IN ONE LOBE, M76		
	Mar 02 1984 10"	20mm	SAME		
	Aug 25 1982 12.5"	16mm	HOUR GLASS SHAPE,WHIPHS OF NEB SUR TIPS,SAME AS BEFORE		
	Oct 03 1981 12.5"	24mm	BLUE GREEN,MB,PS,S PART BTR,HISB,2 PARTS DET,DARK PATCH		
	Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
	Aug 22 1980 12.5"	24mm			
	Aug 19 1980 12.5"	24mm			
	Jul 24 1980 12.5"	24mm			
	Jul 17 1980 12.5"	24mm			
	Jul 11 1980 12.5"	24mm			
<b>4</b>	<b>IC 1747</b>	<b>Cas</b>		<b>Planetary Neb 3b</b>	
	Oct 07 2010 31"	12mmT4	PB,MS,R,DARK HOLE IN CNTR,SLT BTR ONE SIDE,OIII DOESNOT HELP MUCH,NO CNTR*,R=G		
	Oct 07 2010 31"	17mmT4	MB,VS,R,B BLUE,CNTR RGN DARK,HOLE,NO CNTR*,OIII HELPS SMWHT ONE SIDE BTR THAN OTHER,R=G		
	Sep 18 2004 31"	17mmT4	PB,MS,W/OIII,R,DARK CNTR SUSP,BR BLUEISH BALL,R=E		
<b>5</b>	<b>ABELL 4</b>	<b>Per</b>		<b>Planetary Neb</b>	
	Oct 07 2010 31"	12mmT4	PF,PS,R,UB,2 PGC GLXY CLOSE BY,OIII DOESNOT HELP MUCH,17MM - COMP GLXY HARD TO DET,R=F		
	Feb 05 2005 31"	17mmT4	DIF,VF,MS,R,OIII,GREENISH,SOME PATCHY AREAS DET,PAIR=PGC10427,R=G		
<b>6</b>	<b>IC 289</b>	<b>Cas</b>		<b>Planetary Neb 4+2</b>	
	Oct 07 2010 31"	12mmT4	MB,ML,CNTR* JUST BARELY VISIBLE,-17 MAG,NEB PATCHY,R=G		
	Oct 07 2010 31"	17mmT4	MB,SM,R,UB,NO CNTR*,OIII HELPS LTL,NEB PATCHY NOT R,R=G		
	Sep 18 2004 31"	17mmT4	MF,ML,R,UB,W/OIII,GREENISH,DARK PATCH IN CNTR SUSP,NO CNTR *,R=E		
<b>7</b>	<b>NGC 1360</b>	<b>For</b>		<b>Planetary Neb 3</b>	<b>*8IN B,LNEB,E NS</b>
	Dec 28 2008 31"	17mmT4	PF,PL,EL,CNTR*11M,OIII HELPS A LOT,ONE HALF BTR THAN OTHER,SHISB,R=G		
<b>8</b>	<b>IC 351</b>	<b>Per</b>		<b>Planetary Neb 2a</b>	
	Oct 07 2010 31"	12mmT4	MB,VS,R,BNUC,B BLUE,SUDLY MBM,BNUC,OIII B NEB,HELPS LTL,R=G		
	Dec 20 2003 31"	17mmT4	PB,MS,R,VHISB,B BLUE,NO CNTR *,R=G		
<b>9</b>	<b>IC 2003</b>	<b>Per</b>		<b>Planetary Neb 2</b>	
	Oct 07 2010 31"	12mmT4	MB,VS,R,NO CNTR*,ONE HALF NEB BTR THAN OTHER,OIII HELPS LTL,R=G		

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<b>9</b>	<b>IC</b>	<b>2003</b>	<b>Per</b>	<b>Planetary Neb 2</b>		
	Feb 05 2005	31"	17mmT4	OIII,PB,VS,R,B	BLUE,B AREA ON ONE SIDE,PAIR=MAC,R=E	
<b>10</b>	<b>NGC</b>	<b>1501</b>	<b>Cam</b>	<b>H53-4</b>	<b>Planetary Neb 3</b>	<b>PLN,PB,PS,VLE,1'DIAM</b>
	Oct 09 2010	31"	17mmT4	MB,ML,R,CNTR*	13TH MAG,GRAYISH GREEN COLOR,VR,SHARP EDGES,DARKER INNER RING,OIII HELPS LTL,CNTR* GOES AWAY,R=E	
	Oct 03 1981	12.5"	12mm	VR,UB,F CNTR *	14TH MAG DET,GREEN,DIF,MF,MS	
<b>11</b>	<b>NGC</b>	<b>1514</b>	<b>Tau</b>	<b>H69-4</b>	<b>Planetary Neb 3+2</b>	<b>*9IN NEB3'DIAM</b>
	Oct 09 2010	31"	17mmT4	PB,PL,OVAL,OIII HELPS	BRING OUT MORE DETAIL IN NEB,DARK PATCHES IN NEB,R=E	
	Oct 09 2010	31"	17mmT4	PB,PL,OVAL-R,CNTR*	~9TH MAG,L NEB,SPRIAL IN STR,DARK INNER RING BKN,R=E	
	Dec 25 1984	12.5"	16mm	PB,ML,B CNTR *	LOC BET 2B*S,L BALL OF NEB,R,MHISB	
<b>12</b>	<b>NGC</b>	<b>1535</b>	<b>Eri</b>	<b>H26-4</b>	<b>Planetary Neb 4+2c</b>	<b>PLN,VB,S,R,PS,VSBM,R</b>
	Dec 28 2008	31"	17mmT4	VB,ML,R,CNTR*12M,OIII B	INNER RING,R HALO,HISB CNTR,OIII HELPS SMWHT,R=E	
	Oct 30 1981	12.5"	12mm	BLUE,MB,PL,B CNTR,	12MAG CNTR *	
	Oct 31 1980	12.5"	24mm	SIM IN COLOR TO SATURN	NEB,FIND 1537 FIRST,GREAT!!!	
<b>13</b>	<b>SH2</b>	<b>216</b>	<b>Per</b>	<b>Planetary Neb 3</b>		
	Sep 19 2012	36"	31mmT5	W/OIII,SCANNED AREA	ESP E END OF SUSP OBJ,AT MOST COULD ONLY SUSP SOME HINT OF EF GLOW JUST SLT BTR THAN BG,AFTER SVRL FOV'S NOTICED SOME DARKENING OF BG,SUSP,R=P	
<b>14</b>	<b>J</b>	<b>320</b>	<b>Ori</b>	<b>Planetary Neb 2+4</b>		
	Dec 28 2008	31"	17mmT4	PF,VS,NO CNTR*,VS	UB BALL,BLUEISH,OIII DOESNOT HELP MUCH,R=G	
	Oct 04 2005	31"	17mmT4	VB,PS,R,W/OIII,B	BLUE,SOME F NEB DET OUTSIDE R BALL,R=G	
<b>15</b>	<b>IC</b>	<b>418</b>	<b>Lep</b>	<b>Planetary Neb 4</b>		
	Dec 28 2008	31"	17mmT4	VB,PS,R,B CNTR*10M,	GRAN NEB,CNTR* GETS LOST IN NEB WITH AV,OIII HELPS LTTLE,R=G	
	Oct 31 1980	12.5"	9mm	B BLUE,NICE!!!		
<b>16</b>	<b>NGC</b>	<b>2022</b>	<b>Ori</b>	<b>H34-4</b>	<b>Planetary Neb 4+2</b>	<b>PLN,PB,VS,VLE</b>
	Dec 28 2008	31"	17mmT4	MB,ML,R,PATCH,VF	CNTR* WITH AV,EDGES FRAILED,OIII DOESNOT HELP MUCH,R=G	
	Dec 30 1983	12.5"	12mm	MF,PS,NO CNTR *	DET,R,UB,LINE OF F*S OFF TO BOTH SIDES	
	Oct 31 1980	12.5"	24mm	LOOKS LIKE PALE GREY *		
	Sep 10 1980	12.5"	24mm			
	Sep 10 1980	12.5"	32mm	EASILY DET,NICE		
<b>17</b>	<b>IC</b>	<b>2149</b>	<b>Aur</b>	<b>Planetary Neb 3b+2</b>		
	Dec 28 2008	31"	17mmT4	PB,MS,OVAL,B CNTR*,	HISB,B BLUE,W/OIII,NO CNTR*,NEB ELR=G	
	Feb 17 2004	31"	17mmT4	DIF,PB,MS,EL-OVAL,	MHISB,OIII,NO CNTR *,UB CNTER,F THIN HALO,R=E	
<b>18</b>	<b>IC</b>	<b>2165</b>	<b>CMA</b>	<b>Planetary Neb 3b</b>		
	Dec 28 2008	31"	17mmT4	MB,PS,R,UB,B	BLUEISH BALL, NO CNTR*,OIII DOESNOT HELP MUCH,R=G	
	Dec 19 2006	31"	17mmT4	VB,PS,R,B BLUE	BALL,NO CNTR *,W/OIII,NEB IS BTR,R=G	
<b>19</b>	<b>J</b>	<b>900</b>	<b>Gem</b>	<b>Planetary Neb 3b+2</b>		
	Dec 28 2008	31"	17mmT4	PB,VS,R,UB,NO	CNTR*,VS B BLUE BALL,* CLOSE,OIII MAKE NEB BTR,R=G	
	Feb 17 2004	31"	17mmT4	DIF,PB,MS,B	BLUE,* CLOSE BY,CNTR BDET,R=G	
	Feb 17 2004	31"	17mmT4	PB,MS,R,HISB,F	HALO SUR OBJ DET,OIII,R=E	
<b>20</b>	<b>MINK</b>	<b>1-7</b>	<b>Gem</b>	<b>Planetary Neb 2</b>		
	Dec 28 2008	31"	17mmT4	MB,VS,R,UB,B	BLUEISH,NO CNTR*,OIII DOESNOT HELP MUCH,R=G	
	Feb 17 2004	31"	17mmT4	DIF,VF,MS,R,B	BLUE,R NUC,NO CNTR *,F NEB SUR CNTR RGN,OIII,R=G	

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<b>21</b>	<b>NGC</b>	<b>2346</b>	<b>Mon</b>	<b>H65-4</b>	<b>Planetary Neb 3b+4</b>	<b>*10AFF W/ S,VF,NEB</b>
	Dec 28 2008	31"	17mmT4	VB,PL,R,HISB,B	CNTR*11,B	GREENISH,MORE NEB WITH AV,OIII DOESNOT HELP MUCH,R=E
	Oct 05 2002	12.5"	9mmT6	PB,PS,BNUC,VBM,CNTR	*	~8 MAG,R,HISB,BLUE GREEN CNTR RGN
<b>22</b>	<b>NGC</b>	<b>2371</b>	<b>Gem</b>	<b>H316-2</b>	<b>Planetary Neb 3a+2</b>	<b>B,S,R,BMN,P OF DNEB</b>
	Dec 28 2008	31"	17mmT4	PB,PL,CNTR*15,2	HALVES,LOBS BOTH SIDES,SHISB,HOUR GLASS SH,OIII HELPS V LTL,R=E	
	Feb 21 1984	12.5"	12mm	SAME		
	Feb 21 1984	12.5"	12mm	SAME,S PART BTR THAN N,CNTR	*	DET,VF,VS
	Oct 23 1982	12.5"	12mm	MF,MS,2 PARTS EASILY DET,W SIDE BTR,BOTH MHSB,NSS		
	Oct 23 1982	12.5"	12mm	SEE 2371		
	Dec 03 1980	12.5"	24mm			
	Oct 31 1980	12.5"	16mm	DBL NEB,2 NEB ON TOP OF EACH OTHER,NICE!!		
<b>23</b>	<b>ABELL</b>	<b>21</b>	<b>Gem</b>		<b>Planetary Neb</b>	
	Dec 28 2008	31"	17mmT4	VDIF,PF,VL,L	DIF AREA OF NEB,PATCHY IN AREAS,OIII HELPS SMWHT,NEB BTR,R=F	
	Jan 24 2004	31"	24mmTP	DIF,PF,VL,UB,WITH OIII,PATCHY AREAS IN 2 HALVES CNTR SUR	*,R=G	
<b>24</b>	<b>NGC</b>	<b>2392</b>	<b>Gem</b>	<b>H45-4</b>	<b>Planetary Neb 3b+3b</b>	<b>B,S,R,*9M,*8NF100"</b>
	Nov 22 2006	12.5"	12mmT4	EB,VL,B	CNTR * GOES AWAY WITH AV,B BLUE BALL,PATCHY AREAS DET OUTER,R=E	
	Dec 04 2004	31"	17mmT4	VB,VL,WITH OIII,CNTR	* EASY,RINGS SUR CNTR *,DARK RINGS BET OUTER NEB LOOKS MATTED,B BLUE,BEST EVER SEEN TO DATE,R=E	
	Feb 21 1984	12.5"	12mm	MB,PS,ESKIMO NUBULA,CNTR	* EASILY DET,PATCHED IN NEB DET,FORMS TRI W2*S	
	Oct 23 1982	12.5"	12mm	CNTR	* DET,SOME DARK AREAS IN GAS DET	
	Oct 16 1982	12.5"	12mm	BLUE,MF,VS,R,UB,NO CNTR	*	
	Oct 31 1980	12.5"	24mm	ESKIMO NEB,NON STELL,GREAT!!		
<b>25</b>	<b>NGC</b>	<b>2438</b>	<b>Pup</b>	<b>H39-4</b>	<b>Planetary Neb 4+2</b>	<b>PLN,PB,PS,VLE,R</b>
	Dec 28 2008	31"	17mmT4	VB,ML,R,2*S	INSIDE CNTR RING,INNER AREA DARKER,MHSB INNER RING,OIII HELPS,R=E	
	Mar 19 2004	12.5"	12mmT4	W/OIII,	PLANETARY IN M46,RING SHAPE,CNTR DARKNESS,DONUT APPEARANCE,R=E	
	Mar 27 1982	12.5"	12mm	MF,PS,24MM-NO CNTR	* DET,R,UB,12MM-CNTR * DET,UB,R,SOME DARK PATCHES SUSP	
	Dec 03 1980	12.5"	24mm	PLANETARY IN M46,GREAT!!		
<b>26</b>	<b>NGC</b>	<b>2440</b>	<b>Pup</b>	<b>H64-4</b>	<b>Planetary Neb 5+3</b>	<b>PLN,CB,NOT VWELL DEF</b>
	Dec 28 2008	31"	17mmT4	VB,PL,EL,NO CNTR*,IRR,2 HALVES/LOBS,HISB CNTR,F OUT SHELL,OIII HELP DETAIL,R=E		
	Dec 03 1980	12.5"	24mm	SIM TO SATURN NEB,B BLUE,SLT DIF NEB SUR OBJ		
<b>27</b>	<b>NGC</b>	<b>2452</b>	<b>Pup</b>		<b>Planetary Neb 4+3</b>	<b>PLN,F,S,LE,AM60*</b>
	Dec 28 2008	31"	17mmT4	MB,MS,OVAL,DARK AREA IN NEB DET,NO CNTR*,OIII DOESNOT HELP MUCH,GREENISH COLOR,R=G		
	Nov 22 2006	12.5"	12mmT4	MF,VS,R,PAIR=2453,S	BLUEISH BALL,OIII HELPS SMWHT,R=G	
	Dec 03 1980	12.5"	24mm	NOT MUCH SURFACE B,PAIL GREY,OVAL,PATCH,BESIDE CL - 2453		
<b>28</b>	<b>JNER</b>	<b>1</b>	<b>Lyn</b>		<b>Planetary Neb 4</b>	
	Mar 06 2010	31"	17mmT4	MF,VL,PATCH,2 AREAS OF PATCHY NEB DET,CNTR*VF,SVRL VF*S	IN CNTR RGN,OIII HELPS	
	Apr 03 2005	31"	17mmT4	W/OIII,DIF,VF,PL,OVAL-R,PATCH,NO CNTR *,L AREA OF NEB DET,R=G		
<b>29</b>	<b>NGC</b>	<b>2610</b>	<b>Hya</b>	<b>H35-4</b>	<b>Planetary Neb 4+2</b>	<b>F,S,ATTTO*13,*7NF</b>
	Dec 28 2008	31"	17mmT4	PB,ML,OVAL,UB,B*	IN FOV,* IN EDGE,VF CNTR*15,OIII DOESNOT HELP MUCH,R=G	
	Nov 22 2006	12.5"	12mmT4	MF,PS,R,F*	ON EDGE OF NEB,OIII HELPS OUT SLT,R=F	
	Mar 29 2006	31"	17mmT4	DIF,MB,ML,R,UB,*	IN EDGE,WOIII,PATCHY,DARK AREAS,OVAL WITH B EDGES,R=G	
<b>30</b>	<b>MINK</b>	<b>3-6</b>	<b>Pyx</b>		<b>Planetary Neb 2a</b>	

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<b>30</b>	<b>MINK 3-6</b>	<b>Pyx</b>	<b>Planetary Neb 2a</b>		
	Dec 28 2008 31"	17mmT4	MB,PS,OVAL-R,UB,NO CNTR*,B BLUEISH BALL,OIII HELPS LTL,MORE BLUE,R=G		
<b>31</b>	<b>NGC 2818</b>	<b>Pyx</b>	<b>Planetary Neb PN</b>	<b>PLN,PB,PL,R,VGLBM</b>	
	Dec 28 2008 31"	17mmT4	MB,MS,UB,NO CNTR*,NEB INSIDE CL CR 206,W/OIII,NEB HAS PATCHY AREAS,R=G		
<b>32</b>	<b>NGC 3132</b>	<b>Vel</b>	<b>Planetary Neb 4+2</b>	<b>PLN,VB,VL,LE*9M</b>	
	Dec 28 2008 31"	17mmT4	VB,PL,OVAL,B CNTR*,DARK INNER RING,B BLUEISH GREEN,8 DEG ABOVE H,OIII HELPS,R=E		
<b>33</b>	<b>NGC 3242</b>	<b>Hya</b>	<b>H27-4</b>	<b>Planetary Neb 4+3b</b>	<b>PLN,VB,LE147,45"D</b>
	Dec 28 2008 31"	17mmT4	VB,PL,R,HISB,CNTR*13,OUT SHELL,BTR INNER RING W/TAP SIDES,B BLUEISH,OIII HL,R=E		
	Feb 12 1983 12.5"	16mm	MB,PS,R,BLUE FUZZY EDGES,UB,NO CNTR *		
	Dec 03 1980 12.5"	24mm	GHOST OF JUPITER,PAIL GREENISH COLOR,GREAT!!		
<b>34</b>	<b>NGC 3587</b>	<b>UMa M97</b>	<b>Planetary Neb 3a</b>	<b>PLN,VB,VL,R,VVG,VSBM</b>	
	Mar 08 2013 36"	17mmT4	MESSIER MARATHON 2013		
	Mar 16 2009 31"	17mmT4	EB,EL,CNTR* DET ~15TH MAG,DARK PATCHES,BKN EDGES,GREYISH GREEN,R=E		
	Mar 16 2009 31"	17mmT4	EB,EL,W/OIII,LOOSE CNTR*,DOESNOT HELP MUCH,LTL MORE DARK PATCHES DET,R=E		
	Feb 04 2005 31"	17mmT4	OIII,VB,EL-OVAL,HISB,2 DARK PATCHES,CNTR *,BEST TO DATE,PATCHY AREAS,DET,R=E		
	Mar 19 2004 12.5"	12mmT4	MESSIER MARATHON 2004		
	Dec 26 2003 31"	17mmT4	PB,VL,MHISB,CNTR *,DARK PATCHES,EDGES FRAILED,ANOTHER F* OFF CNTR,R=E		
	Mar 15 1985 12.5"	12mm	VR,DARK PATCHES DET,BG COLOR,BEST VIEW EVER!!!		
	Mar 15 1985 12.5"	16mm	SAME,EB,VL		
	Mar 02 1984 10"	20mm	MB,ML,R,B* OFF ONE SIDE,UB WITH SOME DARK AREAS		
	Mar 27 1981 12.5"	24mm	MESSIER MARATHON 1981		
	Oct 31 1980 12.5"	24mm			
	Sep 18 1980 12.5"	24mm			
	Sep 10 1980 12.5"	24mm			
	May 07 1980 5"	9mm			
	Apr 18 1980 6"	24mm			
	Apr 16 1980 6"	24mm	IN SAME FOV WITH M108		
<b>35</b>	<b>NGC 4361</b>	<b>Crv</b>	<b>H65-1</b>	<b>Planetary Neb 3a+2</b>	<b>VB,L,R,VSMBMN,R</b>
	Mar 16 2009 31"	17mmT4	VB,EL,B CNTR*,SQUARE SHAPE NEB,GREENISH,W/OIII,NEB MORE PRONOUNCED,HELPS A LTL,NEB MORE SQUARE LIKE,R=E		
	May 03 1981 12.5"	16mm	BLUE GREEN,PB,PL,CNTR * ~11MAG DET		
<b>36</b>	<b>IC 3568</b>	<b>Cam</b>	<b>Planetary Neb 2+2a</b>		
	Mar 17 2009 31"	17mmT4	VF,ML,R,F* OFF SIDE,B BLUEISH,GMB,B CNTR REG,OUTER SHELL GRAN W/OIII,DOESNOT HELP MUCH,R=E		
	Feb 04 2005 31"	17mmT4	PB,ML,R,BNUC,B BLUE,BM,HALO SUR CNTR NUC,F* OFF ONE EDGE,R=E		
<b>37</b>	<b>ABELL 35</b>	<b>Hya</b>	<b>Planetary Neb 3a</b>		
	Mar 20 2009 31"	17mmT4	CNTR* ~9TH MAG,W AND W/O OIII CANNOT DETECT ANY NEB,R=P		
	Mar 17 2009 31"	17mmT4	LOC GOOD,SCAN WITH AND WITHOUT OIII,ON MERIDIAN,GOOD SKIES,NO NEB DET,R=P		
<b>38</b>	<b>ABELL 36</b>	<b>Vir</b>	<b>Planetary Neb</b>		
	Mar 20 2009 31"	17mmT4	EF,PL,CNTR* 10TH MAG,F NEB DET SUR CNTR*,NO NEB OUTER SHELL,OIII DOESNOT HELP,R=P		
	Mar 17 2009 31"	17mmT4	B BLUEISH FUZZY BALL,NO OUTER SHELL OF NEB DET,OIII DOESNOT HELP,R=F		
<b>39</b>	<b>NGC 5873</b>	<b>Lup</b>	<b>Planetary Neb 2</b>	<b>PLN,STELLAR=9.5MAG</b>	
	Mar 20 2009 31"	12mmT4	MB,VS,R,V S BLUEISH BALL,NO CNTR*,VF* OFF ONE SIDE,OIII HELP LTL,R=G		

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<b>40</b>	<b>NGC 6026</b>	<b>Lup</b>		<b>Planetary Neb 4</b>	<b>F,S,R,GPMBM,TRI* NP</b>
	Mar 20 2009 31"	17mmT4	MF,MS,R,B	CNTR RGN,CNTR* 13TH MAG,W/OIII,CNTR* V DIM,MORE NEB DET,R BALL,R=F	
<b>41</b>	<b>NGC 6058</b>	<b>Her</b>	<b>H637-3</b>	<b>Planetary Neb 3+2</b>	<b>PF,VS,R,STELLAR</b>
	Mar 20 2009 31"	17mmT4	MF,MS,R,B	CNTR* 12TH MAG,GRAN NEB,OIII KNOCKS OUT CNTR*,DOESNOT HELP MUCH,R=F	
	Sep 06 2002 12.5"	16mm	PB,ML,R,DIF	HALO,BM	
	Sep 06 2002 12.5"	9mmT6	BM,MHISB,CNTR *		
<b>42</b>	<b>IC 4593</b>	<b>Her</b>		<b>Planetary Neb 2+2</b>	
	Apr 16 2009 31"	17mmT4	VB,MS,R,CNTR*	10TH,B BLUEISH GREEN BALL,B CNTR RGN,GRAN NEB SUR CNTR*,OIII KNOCKS OUT CNTR*,DOESNOT HELP MUCH,R=E	
<b>43</b>	<b>NGC 6072</b>	<b>Sco</b>		<b>Planetary Neb 3a</b>	<b>PF,R,VGVLBM,R</b>
	May 17 2009 31"	17mmT4	PB,PL,NO	CNTR*,R,UB,FRAILED EDGES,OIII HELPS NEB A LTL,R=G	
<b>44</b>	<b>NGC 6153</b>	<b>Sco</b>		<b>Planetary Neb 4</b>	<b>PLN,STELLAR</b>
	May 17 2009 31"	17mmT4	VB,ML,R,UB,HISB,NO	CNTR*,B BLUEISH GREEN,OIII HELPS,R=E	
<b>45</b>	<b>NGC 6210</b>	<b>Her</b>		<b>Planetary Neb 2+3b</b>	<b>PLN,VB,VS,R,DISC</b>
	May 17 2009 31"	17mmT4	VB,ML,CNTR*	APP 12TH MAG,INNER RGN GRAN,F WISPS OF NEB BEYOND BALL,BB-G,B INNER RGN SUR CNTR*,OIII SHOWS MORE FT NEB SUR BALL,R=E	
	Jul 14 1980 12.5"	24mm			
	Jul 12 1980 12.5"	24mm			
	Jul 11 1980 12.5"	24mm			
	Jul 05 1980 12.5"	24mm			
	Jun 17 1980 12.5"	9mm		FIRST SIGHTING,B BLUE WITH 9MM AND NEB FILTER	
<b>46</b>	<b>IC 4634</b>	<b>Oph</b>		<b>Planetary Neb 2a+3</b>	
	May 17 2009 31"	17mmT4	PB,PS,B	BLUEISH BALL,NO CNTR*,NEB ,EL W/TAPERED ENDS,OIII DOES NOT HELP,R=G	
	Jun 19 2004 31"	17mmT4	VF,PS,R,UB,WITH	OIII,B BLUE,TAPERED ENDS,NO CNTR *,R=E	
<b>47</b>	<b>MINK 2-9</b>	<b>Oph</b>		<b>Planetary Neb ?+6</b>	
	May 17 2009 31"	12mmT4	MB,PS,EL,V	S CNTR RGN OR CNTR* ~12TH MAG,NEB ,EL (BAR) FROM CNTR*, LOOKS LIKE EDGE ON GLXY W/VSNUC,OIII DOES NOT HELP,R=F	
<b>48</b>	<b>NGC 6302</b>	<b>Sco</b>		<b>Planetary Neb 6</b>	<b>PB,E PF,(SWIFT,TRIP)</b>
	May 18 2009 31"	17mmT4	VB,VL,EL,B	BLUE-GREEN,IRR IN SHAPE,HISB,B CNTR RGN SUR CNTR*,BM,NO CNTR* JUST B RGN TAPERED ENDS,ONE SIDE THINNER AND THICKER THAN OTHER,OIII HELPS,NEB GRAN BKN IN PARTS,NEB S-SHAPE,R=E	
	May 28 2008 31"	17mmT4	VB,VL,EL,HISB,B	CNTR * RGN,PATCHY AREAS OF NEB DET,B AREAS,W/OIII,MORE DETAIL IN NEB,B GREEN,E,R=E	
<b>49</b>	<b>NGC 6309</b>	<b>Oph</b>		<b>Planetary Neb 3b+6</b>	<b>B,S,BET2*VNR</b>
	May 18 2009 31"	17mmT4	VB,ML,B	BLUEISH,HISB,F* ON END,VF* OFF SIDE TOUCH,NO CNTR*,BOX LIKE NUC RGN FT NEB EXTENDED OFF SIDES,RECTANGLE SHAPE,OIII DOESNOT HELP MUCH,R=E	
	Jul 21 1984 12.5"	12mm	VF,ES,DBL *	TO W,F* JUST N SIDE,B BAR N-S DET,NSS,MHISB	
	Jun 04 1981 12.5"	16mm		WITH 2X BARLOW,BLUE,BESIDE F*,NO CNTR * DET	
<b>50</b>	<b>NGC 6337</b>	<b>Sco</b>		<b>Planetary Neb 4</b>	<b>RINGNEB,EF,S,AM ST</b>
	May 18 2009 31"	17mmT4	MB,ML,TRANSLUCENT	BALL WITH CNTR* OFF CNTR,~14TH MAG,PATCHES OF NEB IN BALL DET,OUTER RING BTR,OIII HELPS,LIKE M57,KNOCKS OUT CNTR*,R=G	
<b>51</b>	<b>NGC 6369</b>	<b>Oph</b>	<b>H11-4</b>	<b>Planetary Neb 4+2</b>	<b>RINGNEB,PB,S,R</b>
	May 18 2009 31"	17mmT4	MB,ML,R,RESEMBLES	M57,CNTR* ~15TH MAG,RING WITH FT NEB INSIDE,SMWHT BTR SUR CNTR*,OIII DOESNOT HELP MUCH,NEB SLT BTR,R=E	
	Jun 04 1981 12.5"	24mm		GREEN,MF,MS,NO CNTR * DET	
	Jun 18 1980 12.5"	9mm		GOOD,LOC BESIDE F*,DISK DET	

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<b>52</b>	<b>NGC 6445</b>	<b>Sgr</b>	<b>H586-2</b>	<b>Planetary Neb 3b+3</b>	<b>PB,PS,R,GBM,R,*15NP</b>
May 18 2009	31"	17mmT4	VB,PL,HISB,LOOKS LIKE A BIG MAC SANDWITCH,2 HAMBURGER BUNS,NO CNTR*,SEP,D IN 2 HALVES,BOX-SQUARE SHAPE,OIII, OUTER SIDES OF NEB BTR,R=E		
Sep 20 1984	12.5"	12mm	DIF,MF,PS,F* NW EDGE,B* TO W,PATCHY		
Aug 13 1982	12.5"	16mm	PF,VS,BLUE GREEN,F* ON NW EDGE,OVAL-PATCHY,SBM,PAIR/6440		
<b>53</b>	<b>IC 4670</b>	<b>Sgr</b>	<b>Planetary Neb PN</b>		
Aug 15 2009	31"	17mmT4	MB,VS,R,CNTR* 15TH,GRYISH,OIII,NEB BTR,NOT MUCH NEB SUR CNTR*,R=F		
<b>54</b>	<b>NGC 6543</b>	<b>Dra</b>	<b>H37-4</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,VB,PS,SBMVSN</b>
Jun 10 2023	12.5"	17mmT4	VB,MS,R,B BLUE BALL,FUZZY EDGES,SMWHT OF A RING DET ARND BALL,R=GE		
May 19 2009	31"	17mmT4	VB,VL,B GREENISH,CNTR* 10TH MAG,B INNER CORE,GRAN BALL,VF WISPS OF NEB SUR BALL,OIII BRINGS OUT OUTER HALO ONLY,PAIR=IC4677,R=E		
Mar 26 2006	31"	17mmT4	VF,PL,B BLUE,CNTR *,DETAIL IN NEB,DARK INNER RING,PAIR=IC4677,R=E		
Jun 23 2003	12.5"	9mmT6	VB,ML,EL-OVAL,VHISB,BNUC,SLT EL,F HALO SUR GLXY,R=E		
Jul 22 1981	12.5"	16mm	BLUEISH IN COLOR,PB,MS,NO CNTR * DET		
Jul 14 1980	12.5"	24mm			
Jul 11 1980	12.5"	24mm			
Jun 20 1980	12.5"	24mm			
<b>55</b>	<b>NGC 6537</b>	<b>Sgr</b>	<b>Planetary Neb 2a+6</b>		<b>PLN,B,S,STELLAR</b>
May 19 2009	31"	12mmT4	PB,PS,UB,NO CNTR*,BLUEISH GREEN,S BALL,OIII DOESNOT HELP,R=G		
<b>56</b>	<b>NGC 6565</b>	<b>Sgr</b>	<b>Planetary Neb 4</b>		<b>PLN,STELLAR</b>
May 19 2009	31"	12mmT4	PB,VS,UB,NO CNTR*,GREENISH-BLUE BALL,OIII DOESNOT HELP MUCH,R=G		
Sep 21 1984	12.5"	12mm	VF,VS,3F*S TO N IN A LINE,BLUEISH COLOR,R,UB		
<b>57</b>	<b>NGC 6563</b>	<b>Sgr</b>	<b>Planetary Neb 3a</b>		<b>PLN,F,L,CE,HAZY EDGE</b>
May 19 2009	31"	17mmT4	PB,PL,UB,NO CNTR*,GREENISH,PARTS SUR EDGE NOT WELL DEFINED,OIII MORE NEB,R=E		
Sep 21 1984	12.5"	12mm	VDIF,VF,VS,VF* OFF TO W,PATCHY-R,UB		
<b>58</b>	<b>NGC 6572</b>	<b>Oph</b>	<b>Planetary Neb 2a</b>		<b>PLN,VB,VS,R,LHAZY</b>
May 19 2009	31"	17mmT4	VB,ML,B BLUEISH GREEN (TORQUOISE),UNIQUE COLOR,BM,OIII L HALO NEB SUR BALL,R=E		
Jun 27 2003	12.5"	9mmT6	EB,PL,B BLUE,F HALO SUR CNTR REG,OUTER SHELL DET OIII FILTER,R=E		
Sep 21 1984	12.5"	12mm	PB,PS,BR BALL,CNTR * NOT DET,UB,HISB		
Jun 04 1981	12.5"	24mm	BLUE,MB,PS		
Jun 18 1980	12.5"	24mm	LOOKS LIKE B* AT TIP OF TRI		
Jun 18 1980	12.5"	24mm	WITH BARLOW,LOOKS LIKE B* AT TIP OF TRI		
Jun 18 1980	12.5"	9mm	VB BLUE WITH BARLOW AND 9MM,SHAPE EASILY DET		
Jun 18 1980	12.5"	9mm	WITH BARLOW SHAPE EASILY DET		
<b>59</b>	<b>NGC 6567</b>	<b>Sgr</b>	<b>Planetary Neb 2a+3</b>		<b>PLN,STELL,11M,IN ACL</b>
May 19 2009	31"	12mmT4	MB,VS,UB,VF* OFF TO SIDE,RICH * FOV,VF CNTR* SUSP,OIII DNOT HELP,BLUEISH SBALL,R=F		
Sep 21 1984	12.5"	12mm	DIF,MF,MS,R,B BLUE,ALM STELL		
<b>60</b>	<b>NGC 6578</b>	<b>Sgr</b>	<b>Planetary Neb 2a</b>		<b>PLN,STELLAR=13MAG</b>
May 19 2009	31"	12mmT4	PB,MS,VF* OR PIECE OF NEB OFF ONE SIDE,VF CNTR* APP 15TH SUSP,GBM,OIII DNH,R=G		
Sep 12 2007	31"	17mmT4	W/OIII,PB,MS,R,B CNTR,BLUEISH BALL,HISB CNTR,* OFF SIDE,F HALO SUR=G		
<b>61</b>	<b>NGC 6620</b>	<b>Sgr</b>	<b>Planetary Neb 2b</b>		<b>PLN,STELLAR</b>
May 19 2009	31"	12mmT4	MB,VS,SOME B CNTR DET,NO CNTR*,GREENISH,OIII HELPS BR TEN NEB,R=F		
Sep 05 2007	31"	17mmT4	MB,VS,GREENISH BALL,SBM,OIII DOESNOT HELP MUCH,R=F		

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<b>62</b>	<b>NGC</b>	<b>6629</b>	<b>Sgr</b>	<b>H204-2</b>	<b>Planetary Neb 2a</b>	<b>PLNORGCL,PB,EES,R</b>
	May 19 2009	31"	12mmT4	MB,PS,R,CNTR*	~13TH MAG,BLUEISH-GREEN,B TOWARDS CNTR,OIII DNH,R=G	
	Aug 13 1982	12.5"	7mm	MF,VS,BET 2*S	IN FIELD OF VIEW,HARD TO LOC,R,BLUE GREEN COLOR	
<b>63</b>	<b>NGC</b>	<b>6644</b>	<b>Sgr</b>		<b>Planetary Neb 2</b>	<b>PLN,STELLAR</b>
	May 19 2009	31"	12mmT4	MB,VS,R,UB	BLUEISH,NO CNTR*,OIII B NEB,R=G	
	Sep 05 2007	31"	17mmT4	W/OIII,PB,MS,R,B	BLUE BALL,STANDS OUT WELL,W/O OIII,SOME FNEB SUR CREG,R=G	
<b>64</b>	<b>IC</b>	<b>4732</b>	<b>Sgr</b>		<b>Planetary Neb 1</b>	
	May 19 2009	31"	12mmT4	MF,ES,R	HARD TO DET FROM FOV *S,NO CNTR*,OIII DOES NOT HELP,BLUEISH BALL,R=P	
	Sep 12 2007	31"	17mmT4	PF,PS,R,VS B CNTR	WITH F NEB SUR CNTR *,OIII DOESNOT HELP,R=F	
<b>65</b>	<b>IC</b>	<b>4776</b>	<b>Sgr</b>		<b>Planetary Neb 2a</b>	
	Aug 15 2009	31"	17mmT4	MB,VS,R,UB	NO CNTR*,B BLUEISH BALL,OIII,STANDS OUT OF FOV,BKGR *S FADE,R=F	
	Sep 12 2007	31"	12mmT4	W/OIII,EB,ML,VB	BLUEISH BALL,SOME FT NEB SUR NEC DET,R=G	
	Sep 12 2007	31"	17mmT4	W/OIII,VB,PS,UB	B BLUEISH BALL,R=G	
<b>66</b>	<b>NGC</b>	<b>6720</b>	<b>Lyr M57</b>		<b>Planetary Neb 4+3</b>	<b>RINGNEB,B,PL,CE,LYRA</b>
	Aug 23 2009	31"	12mmT4	VB,VL,OVAL,HISB	BTHICK SIDES,F NEB INSIDE,CNTR*15TH MAG,EXT NEB ONE SIDE,OIII HELPS LTL,KNOCKS OUT CNTR*,R=E	
	Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004		
	Sep 23 2003	31"	17mmT4	EB,EL	FIRST LIGHT WITH 17MM,CNTR * DET,BEST OBSERVATION TODATE,OBLONG RING	
	Sep 01 2002	31"	9mmT6	CNTR *	SEEN, FT DETAIL IN NEB,BEST VIEW TO DATE	
	Sep 20 1981	12.5"	24mm			
	Jun 04 1981	12.5"	9mm	WITH BARROW	CNTR * COMES AND GOES WITH AV,2B*S INSIDE RING	
	Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981		
	Sep 10 1980	12.5"	24mm			
	Sep 07 1980	12.5"	24mm			
	Sep 03 1980	12.5"	24mm			
	Aug 19 1980	12.5"	24mm			
	Jul 15 1980	12.5"	24mm			
	Jul 12 1980	12.5"	24mm			
	Jul 11 1980	12.5"	24mm			
	Jul 05 1980	12.5"	24mm			
	Jun 20 1980	12.5"	24mm			
	Jun 18 1980	12.5"	24mm			
	Jun 17 1980	12.5"	24mm			
	Jun 10 1980	6"	24mm			
	May 07 1980	5"	9mm			
	Apr 18 1980	6"	24mm			
	Apr 16 1980	6"	24mm			
<b>67</b>	<b>IC</b>	<b>1295</b>	<b>Sct</b>		<b>Planetary Neb 3b+2</b>	
	Aug 23 2009	31"	12mmT4	MF,PL,OVAL	PATCHY,NO CNTR*,SVRL F*S IN NEB,SOME CLOSE TO CNTR,OIII HELPS,DARK INNER HOLE,BREAK IN EDGES,PAIR=SAND2-374,R=F	
	Sep 05 2007	31"	17mmT4	W/OIII,MB,ML	OVAL,PATCH,SHISB,PATCHY AREAS,FEW F*S IN NEB,R=E	
<b>68</b>	<b>NGC</b>	<b>6742</b>	<b>Dra</b>	<b>H742-3</b>	<b>Planetary Neb 2c</b>	<b>VF,STELLAR</b>
	Aug 23 2009	31"	12mmT4	MF,MS,R,UB	GREENISH-GREY,NO CNTR*,VF* IN EDGE OF NEB,OIII HELP A LTL,UB,R=G	
	Mar 26 2006	31"	17mmT4	MB,ML,OVAL	MHISB,2F*S IN NEB,PALE GREENISH,DARK AREA SUSP/WOIII,NEB BTR,R=E	
<b>69</b>	<b>SH2</b>	<b>71</b>	<b>Aql</b>		<b>Planetary Neb 3b+3</b>	

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<b>69</b>	<b>SH2</b>	<b>71</b>	<b>Aql</b>	<b>Planetary Neb 3b+3</b>	
Sep 02 2008	31"	17mmT4	MF,ML,FLD *	CLOSE TO CNTR*	13TH MAG,WISPS OF NEB,IRR,OIII HELPS LTL,CNTR* DET,R=F
<b>70</b>	<b>NGC</b>	<b>6741</b>	<b>Aql</b>	<b>Planetary Neb 4</b>	<b>PLN,STELLAR</b>
Sep 02 2008	31"	17mmT4	VF,PS,R,OIII HELPS,	NEB BTR,BTR,B BLUE,SLT HINT OF EL RINGS,R=G	
Aug 31 1984	12.5"	12mm	MB,ES,1/3 WAY BET	2F*S,VF GLOW DET WITH AV	
Jul 10 1981	12.5"	12mm	JUST S OF 11MAG *	BLUE GREEN COLOR,VB,ES	
<b>71</b>	<b>NGC</b>	<b>6751</b>	<b>Aql</b>	<b>Planetary Neb 3</b>	<b>PB,S</b>
Sep 02 2008	31"	17mmT4	MB,PL,R,B GREENISH,	CNTR* 15TH MAG,OIII DOESNOT HELP MUCH,PATCHY AREAS IN NEB,R=E	
Jul 10 1981	12.5"	12mm	R,BLUE GREEN,MF,VS		
<b>72</b>	<b>NGC</b>	<b>6765</b>	<b>Lyr</b>	<b>Planetary Neb 5</b>	<b>F,S,E</b>
Sep 02 2008	31"	17mmT4	MF,MS,EL,OIII HELPS,	HISB IN CNTR REG,BKN HALVES 1 S & FTR CNTR*, BM,R=G	
Sep 19 2004	31"	17mmT4	PB,ML,EL,HSIB,W/OIII,	COMET LIKE,PATCHY,2 HALVES ONE BTR THAN OTHER,R=E	
<b>73</b>	<b>IC</b>	<b>4846</b>	<b>Aql</b>	<b>Planetary Neb 2</b>	
Sep 02 2008	31"	17mmT4	MF,VS,R,NO CNTR*	OIII MAKES NEB STAND OUT,B BLUE,R=G	
May 16 2004	31"	17mmT4	PB,VS,R,WITH OIII,	B BLUE, R DISK,HISB,R=G	
<b>74</b>	<b>IC</b>	<b>1297</b>	<b>CrA</b>	<b>Planetary Neb</b>	
Sep 02 2008	31"	17mmT4	MF,PS,OVAL-R,OIII HELPS	LTL,GREENISH,NO CNTR*,10 DEG ABOVE HORZ AT MERIDIAN,R=F	
<b>75</b>	<b>NGC</b>	<b>6778</b>	<b>Aql</b>	<b>Planetary Neb 3+3</b>	<b>S,E,ILL-DEFINED DISC</b>
Sep 02 2008	31"	17mmT4	PB,MS,OVAL-R,GREENISH,	OIII HELPS LTL,NO CNTR*,BTR AREAS DET,MORE OVAL,R=G	
May 16 2004	31"	17mmT4	MB,MS,R,WITH OIII,	PATCHY AREA DET,MHISB,SOFT BLUE,R=E	
Jul 10 1981	12.5"	12mm	BLUE,MF,MS		
<b>76</b>	<b>NGC</b>	<b>6781</b>	<b>Aql</b>	<b>H743-3 Planetary Neb 3+3</b>	<b>PLN,F,L,R,VSBM DISC</b>
Sep 02 2008	31"	17mmT4	MB,VL,OVAL,NO CNTR*	ONE SIDE BKN,OIII HELPS SMWHT L CNTR DARK AREA,R=E	
Aug 31 1984	12.5"	12mm	MF,PL,R,PATCHY,	RESEMBLES HELIX NEB	
Jul 10 1981	12.5"	12mm	VL,DIF,R,DARK PATCHES	SEEN IN CNTR AREA,GRAYISH COLOR DIF NEB	
<b>77</b>	<b>NGC</b>	<b>6790</b>	<b>Aql</b>	<b>Planetary Neb 2</b>	<b>PLN,B,ES,STELL=9.5M</b>
Sep 02 2008	31"	17mmT4	PB,VS,R,GREENISH	BBALL,OIII HELPS,NO CNTR*,B BLUEISH,VF HALO SUR BALL,R=G	
Jul 10 1981	12.5"	12mm	ES,JUST E OF 12MAG *	DIF OUTER HALO JUST VISIBLE	
<b>78</b>	<b>MINK</b>	<b>1-70</b>	<b>Aql</b>	<b>Planetary Neb 1</b>	
Sep 02 2008	31"	17mmT4	MF,ES,R,OIII HELPS	LTL,BLUEISH S BALL,NO CNTR*,HARD TO DET FROM FOV *S,R=F	
<b>79</b>	<b>NGC</b>	<b>6803</b>	<b>Aql</b>	<b>Planetary Neb 2a</b>	<b>PLN,STELLAR</b>
Sep 02 2008	31"	17mmT4	MB,ES,R,GREENISH	S BALL,OIII HELPS LTL,BLUEISH,VS BBALL,R=F	
Jul 10 1981	12.5"	12mm	GREENISH,CNTR *	DET,F* ON W EDGE OF NEB	
<b>80</b>	<b>NGC</b>	<b>6804</b>	<b>Aql</b>	<b>H38-6 Planetary Neb 4+2</b>	<b>CB,S,IR,RRR</b>
Sep 02 2008	31"	17mmT4	MB,BL,OVAL,GREENISH,	SVRLF*S IN NEB,CNTR* 15TH MAG,OIII DOESNOT HELP MUCH,R=G	
Aug 31 1984	12.5"	12mm	PF,MS,BNUC,R-OVAL,	SBM,F* TOWARDS OUTER EDGE,PATCHY	
Jul 10 1981	12.5"	12mm	GREEN,DIF,PF,MS,	CNTR * ~14MAG	
<b>81</b>	<b>NGC</b>	<b>6807</b>	<b>Aql</b>	<b>Planetary Neb 2</b>	<b>PLN,STELLAR</b>
Sep 02 2008	31"	17mmT4	MB,ES,R,OIII HELPS	DET FROM FOV *S,BLUEISH,NO CNTR*,VS AND R,R=F	
Jun 25 2003	12.5"	5mmT6	BLUEISH,VF HALO	SUR *,*	
Jun 25 2003	12.5"	9mmT6	MB,ES,R=F		

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<b>82</b>	<b>HENIZ 2-438</b>	<b>Cyg</b>		<b>Planetary Neb 4</b>	
	Sep 02 2008	31"	12mmT4	VB,VS,R,INNER CORE RING REDDISH,CNTR* 12TH MAG,F NEB SUR CNTR*,OIII NO HELP,R=F	
	Sep 02 2008	31"	17mmT4	VB,VS,R,INNER CORE RING REDDISH,CNTR* 12TH MAG,F NEB SUR CNTR*,OIII NO HELP,R=F	
<b>83</b>	<b>NGC 6818</b>	<b>Sgr</b>	<b>H51-4</b>	<b>Planetary Neb 4</b>	<b>PLN,B,VS,R</b>
	Sep 02 2008	31"	17mmT4	VB,ML,R,OIII HELPS MUCH,B BLUEISH GREEN,CNTR RGN DARK,NO CNTR* DET,R=E	
	Jul 30 2002	12.5"	16mm	MB,ML,B BLUE GREEN,VR	
	Sep 20 1984	12.5"	12mm	PB,PS,F* JUST TO W,UB,R	
	Sep 20 1981	12.5"	24mm		
	Jul 15 1980	12.5"	24mm		
	Jun 18 1980	12.5"	24mm		
	Jun 17 1980	12.5"	9mm	GREAT,LOOKS LIKE 6210	
<b>84</b>	<b>NGC 6826</b>	<b>Cyg</b>	<b>H73-4</b>	<b>Planetary Neb 3a+2</b>	<b>PLN,B,PL,R,*11M</b>
	Sep 02 2008	31"	17mmT4	VB,VL,R,GREENISH TECTURE B BALL,CNTR* 10TH MAG,OIII NOT MUCH HELP,R=E	
	Jul 24 1981	12.5"	16mm	GREENISH,BLINKING PLANTARY,CNTR* EASILY BLINKS WHEN LOOKING AT CNTR	
	Jul 24 1981	12.5"	7mm	CNTR * NO LONGER BLINKS	
	Jun 20 1980	12.5"	9mm	B CNTR * EASILY SEEN	
	Jun 17 1980	12.5"	16mm	GREAT,GREENISH BLUE COLOR,USE BARLOW AND 16MM	
<b>85</b>	<b>NGC 6833</b>	<b>Cyg</b>		<b>Planetary Neb 2</b>	<b>PLN,STELLAR</b>
	Sep 02 2008	31"	17mmT4	MB,ES,R,GREENISH-BLUEISH,OIII NOT MUCH HELP,NO CNTR*,BM,BARELY DET IN FOV,R=P	
	Sep 11 2004	31"	17mmT4	VB,PS,R,HISB,W/OIII,B BLUE BALL,F OUTER HALO DET,R=G	
<b>86</b>	<b>NGC 6853</b>	<b>Vul M27</b>		<b>Planetary Neb 3+2</b>	<b>VB,VL,BIN,IE,DUMBDEL</b>
	Jul 05 2008	31"	17mmT4	VB,EL,W/OIII,MORE DETAIL,ONE SIDE MORE NEB THAN OTHER,BULGE,FINE DETAILS,CNTR*,R=E	
	Mar 22 2004	12.5"	12mmT4	MESSIER MARATHON 2004	
	Aug 20 2003	31"	25mm	EB,EL,EHISB,ABOUT DOZEN *S INSIDE NEB,DETAILED AND PATCHY,R=E	
	Jun 27 2003	12.5"	9mmT6	EB,EL,OIII FILTER ABSOLUTLY UNBELIEVABLE,DETAIL IN NEBULOSITY,BEST TO DATE,R=E	
	Sep 19 1984	12.5"	12mm	VB,VL,HOUR GLASS SHAPE V EASILY DET,F OUTER LOB DET BOTH SIDES	
	Sep 20 1981	12.5"	24mm		
	Jul 30 1981	12.5"	12mm	BLUE GREEN,*S SEEN IN NEB,VB,EL,CNTR * DET	
	Mar 27 1981	12.5"	24mm	MESSIER MARATHON 1981	
	Sep 10 1980	12.5"	24mm		
	Sep 07 1980	12.5"	24mm		
	Jul 15 1980	12.5"	24mm		
	Jul 11 1980	12.5"	24mm		
	Jul 05 1980	12.5"	24mm		
	Jun 20 1980	12.5"	24mm		
	Jun 17 1980	12.5"	24mm		
	Jun 10 1980	6"	24mm		
<b>87</b>	<b>NGC 6884</b>	<b>Cyg</b>		<b>Planetary Neb 2b</b>	<b>PLN,STELLAR</b>
	Sep 02 2008	31"	17mmT4	MB,PS,R,UB,OIII HELPS,BLUEISH BALL,NO CNTR*,EASILY DET IN FOV,R=F	
	Jul 24 1981	12.5"	12mm	NOT SURE OF FIND,IN VOID BARREN * FIELD,DIF NEB SUSP	
<b>88</b>	<b>NGC 6879</b>	<b>Sge</b>		<b>Planetary Neb 2a</b>	<b>PLN,STELLAR=10M</b>
	Aug 15 2009	31"	17mmT4	MB,VS,R,UB,NO CNTR*,B BLUEISH,RICH FOV,OIII,DOESNOT HELP MUCH,VF NEB AR NUC,R=F	
	Aug 20 2003	31"	25mm	EF,VS,R,UB,AV,SUSP,LOC GOOD,R=P	
	Aug 20 2003	31"	9mmT6	VDIF,VF,MS,PATCH,UB,ABLE TO DETECT WITH 9MM,R=F	

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<b>89</b>	<b>NGC 6881</b>	<b>Cyg</b>		<b>Planetary Neb 2a+3</b>	<b>PLN,STELLAR</b>
	Aug 15 2009 31"	17mmT4	MF,VS,R,GREENISH,SNUC WITH THIN FT OUTER NEB,OIII,DOESNOT HELP MUCH,R=F		
	Sep 18 2004 31"	17mmT4	W/OIII,VF,VS,R,FIND FIRST WITH 25MM & * HOPPING,BLUEISH,VF HALO DET,R=F		
<b>90</b>	<b>NGC 6886</b>	<b>Sge</b>		<b>Planetary Neb 2+3</b>	<b>PLN,STELLAR=10M</b>
	Aug 15 2009 31"	17mmT4	PB,PS,R,UB,B BLUEISH,RICH FOV,OIII DOESNOT HELP MUCH,R=G		
	Aug 20 2003 31"	25mm	MB,PS,R,B BLUE R BALL,R=E		
	Aug 20 2003 31"	9mmT6	VP,PL,B BLUE,RING OF NEB,BOTH SIDES TAPERED,SLT BM,CNTR * SUSP,R=E		
<b>91</b>	<b>NGC 6891</b>	<b>Del</b>		<b>Planetary Neb 2a+2b</b>	<b>PLN,STELLAR=9.5M</b>
	Aug 15 2009 31"	17mmT4	VB,ML,R,BNUC,CNTR* 13TH,GMBM,BLUEISH,NEB AR CNTR*,OIII,NEB BTR,NO CNTR*,BLUEISH,R=E		
	Jul 08 1983 12.5"	12mm	MB,VS,BNUC,BLUEISH,VR,BM,APPEARS AS A *,NEB COMES OUT WITH AV		
	Jul 30 1981 12.5"	12mm	R,GMBM,SM,GREENISH BLUE		
<b>92</b>	<b>NGC 6894</b>	<b>Cyg</b>	<b>H13-4</b>	<b>Planetary Neb 4+2</b>	<b>RINGNEB,F,S,VVLE</b>
	Aug 15 2009 31"	17mmT4	MB,ML,OVVAL,NO CNTR*,VF* IN EDGE OF RING,MINI M57,OIII,MORE NEB,EDGES FRAILED,R=E		
	Sep 04 2002 12.5"	9mmT6	MF,PS,UB,OVVAL,CNTR RGN DARK PATCH,ONE SIDE SLT BTR		
<b>93</b>	<b>IC 4997</b>	<b>Sge</b>		<b>Planetary Neb 1</b>	
	Jul 05 2008 31"	12mmT4	PB,PS,R,CNTR RGN B,W/OIII,HELPS MUCH,BM,FHALO DET SUR CNTR,R=G		
	Sep 10 2004 31"	17mmT4	VB,MS,BNUC,HISB,W/OIII,B BLUE,B CNTR DISC WITH F HALO,ALM *,R=G		
<b>94</b>	<b>NGC 6905</b>	<b>Del</b>	<b>H16-4</b>	<b>Planetary Neb 3+3</b>	<b>PLN,B,PS,R,4S*NR</b>
	Aug 15 2009 31"	17mmT4	PB,ML,OVVAL,CNTR* 14TH,PATCHY AREAS,GREENISH,ONE SIDE BTR THAN OTHER,OIII,HELPS, MORE PATCHY AREAS,ENDS BKN,R=E		
	Jul 08 1983 12.5"	12mm	MF,PS,R,TRI OF *S SUR OBJ,OUTER EDGES FTR THAN CNTR		
	Jul 30 1981 12.5"	12mm	BLUEISH GREEN COLOR,R,EDGES WELL DEF,CNTR * VF,UB		
<b>95</b>	<b>NGC 7008</b>	<b>Cyg</b>	<b>H192-1</b>	<b>Planetary Neb 3</b>	<b>CB,L,E45,R,**ATT</b>
	Aug 15 2009 31"	17mmT4	MB,PL,PATCH,CNTR* 13TH,2 HALVES,BKN,ANOTHER 13TH * IN NEB,BLOBS BOTH ENDS,OIII,HELPS,MORE NEB,BBLOBS BOTH ENDS,CNTR* STILL VISIBLE,R=E		
	Aug 11 1982 12.5"	16mm	MF,PL,BG COLOR,NW PART BTR,PATCHY-R,CNTR 14* DET,LOC E OF A FEW *S		
<b>96</b>	<b>NGC 7009</b>	<b>Aqr</b>	<b>H1-4</b>	<b>Planetary Neb 4+6</b>	<b>PLN,VB,S,ELLIPTIC</b>
	Aug 15 2009 31"	17mmT4	VB,VL,HISB,B BLUEISH,RING DET,F NEB AR CNTRBALL,NO CNTR*,OIII,DOESNOT HELP THAT MUCH BUT RING IS EASIER TO DETECT,R=E		
	Sep 27 2005 31"	17mmT4	VF,VL,EL-R,HISB,THICK INNER RING,B BLUE,CNTR *,RINGS DET,R=E		
	Sep 27 2005 31"	17mmT4	WITH O/III, EB,VL,EL-R,MORE NEB DET BOTH SIDES OF RING,BTR W/O,R=E		
	Sep 01 2002 31"	9mmT6	B BLUE,RING SEEN,DETAIL IN NEB DET,BEST VIEW TO DATE		
	Aug 31 1984 12.5"	12mm	VB,MS,R B BLUEISH NEB,SLT EL,UB		
	Jul 10 1981 12.5"	16mm	SATURN NEB,RING EASILY SEEN,B BLUE,MB,MS		
	Oct 31 1980 12.5"	24mm			
	Sep 10 1980 12.5"	24mm			
	Jul 17 1980 12.5"	24mm			
	Jun 18 1980 12.5"	9mm	DISK SHOWN WELL		
<b>97</b>	<b>NGC 7026</b>	<b>Cyg</b>		<b>Planetary Neb 3a</b>	<b>PB,BIN,PLN</b>
	Aug 23 2009 31"	12mmT4	MF,MS,HISB,SQ SHAPE,2 BARS BOTH SIDES OF CNTR REG,NO CNTR *,NEB EXTENDS BEYOND BARS BOTH SIDES,F* OFF ONE SIDE,OIII HELPS LTL,R=E		
	Jul 24 1981 12.5"	12mm	DIF THROT,9...10* W ~20 SEC,UB,EL IN SHAPE		
<b>98</b>	<b>NGC 7027</b>	<b>Cyg</b>		<b>Planetary Neb 3a</b>	<b>PLN,STELLAR=8.5M</b>
	Aug 23 2009 31"	12mmT4	VB,ML,HISB,B GREENISH BLUE,13TH MAG * IN NEB OFF CNTR,B NEB SUR *,NO CNTR*,IRR IN SHAPE,BKN PARTS,F NEB DET SUR BKN PARTS,OIII,HELP LTL,BLENDS BKN PARTS INTO		

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<b>98</b>	<b>NGC</b>	<b>7027</b>	<b>Cyg</b>	<b>Planetary Neb 3a</b>	<b>PLN,STELLAR=8.5M</b>
Jun 06 1981	12.5"	16mm		BLUE GREENISH,MB,PL	
<b>99</b>	<b>SH1</b>	<b>89</b>	<b>Cyg</b>	<b>Planetary Neb 3a</b>	
Sep 02 2008	31"	17mmT4		EDIF,EF,MS,OVAL,UB,* HOP,BARELY VIS W/AV,OIII HELPS GREATLY,NEB DET,NO CNTR*,R=P	
<b>100</b>	<b>NGC</b>	<b>7048</b>	<b>Cyg</b>	<b>Planetary Neb 3b</b>	<b>PF,PL,DIF,IR,VLBM</b>
Aug 23 2009	31"	12mmT4		MF,ML,OVAL,UB,3F*S IN NEB ONE SIDE,NO CNTR*,OIII,NOT UB,PATCHY,DARK AREAS,R=G	
Jun 06 1981	12.5"	16mm		GREENISH,DIF,MF,PL	
<b>101</b>	<b>PEASE</b>	<b>1</b>	<b>Peg</b>	<b>Planetary Neb 1</b>	
Jul 05 2008	31"	17mmT4		MF,ES,R,W/OIII,HELPS NEB LTL BY KNOCKING OUT *S,ALM DEAD CNTR,NO CNTR*,R=P	
Sep 23 2003	31"	9mmT6		VF,ES,NEB FILTER,R,STANDS OUT,V CLOSE TO CNTR OF CL,R=F	
Sep 20 2003	31"	25mm		EDIF,EF,VS,PLANTARY IN M15,BLUIISH GREY BALL OFF CNTR OF CL,R=G	
<b>102</b>	<b>IC</b>	<b>5117</b>	<b>Cyg</b>	<b>Planetary Neb 2</b>	
Sep 02 2008	31"	17mmT4		MB,VS,R,UB,BLUEISH BALL,CLOSE TO *,OIII HELPS LTTL,F NEB DET ARND BALL,NO CNTR*,R=F	
Sep 18 2004	31"	17mmT4		MB,VS,R,HISB,W/OIII,* CLOSE BY,B BLUE,VS DISC,F NEB DET WITH AV,R=F	
<b>103</b>	<b>HU</b>	<b>1-2</b>	<b>Cyg</b>	<b>Planetary Neb 2</b>	
Sep 02 2008	31"	17mmT4		MB,MS,HOUR GLS SHAPE,F NEB ARND,BLUEISH,NO CNTR*,OIII HELPS LTTL,MORE NEB DET,R=F	
<b>104</b>	<b>NGC</b>	<b>7094</b>	<b>Peg</b>	<b>Planetary Neb 4</b>	<b>*IN EEF NEBY,VDIFFIC</b>
Sep 02 2008	31"	17mmT4		VF,ML,R,NEB BARELY DET,CNTR* 12MAG,OIII HELPS MUCH,CNTR* W/RND NEB,DARK CNTR AREA,R=F	
Sep 20 2003	31"	25mm		PF,VL,R,B CNTR *,AREAS OF PATCHES IN NEB,R=G	
<b>105</b>	<b>IC</b>	<b>5217</b>	<b>Lac</b>	<b>Planetary Neb 2</b>	
Sep 02 2008	31"	17mmT4		MB,VS,R,UB,B BLUE BALL,NO CNTR*,OIII HELPS LTL,F HALO NEB DET ARND BALL,R=F	
Sep 18 2004	31"	17mmT4		MB,PS,R,HISB,W/OIII,B BLUEISH BALL W/F HALO DET,CNTR * SUSP,BM,R=G	
<b>106</b>	<b>NGC</b>	<b>7293</b>	<b>Aqr</b>	<b>Planetary Neb 4+3</b>	<b>PF,VL,E OR BIN</b>
Sep 02 2008	31"	31mmT5		DIF,PF,EEL,FILLS 17MM,OIII HELPS GREATLY,SVRL F*S CNTR RGN,CNTR* 13MAG,L DARK AREA SUR CNTR,FINE DETAIL OUTER EDGES,BEST TODATE,R=E	
Jul 10 1981	12.5"	24mm		EL,MF,DIF GAS CLOUD WITH *S WITHIN ITS BOUNDARIES,HELIX NEB	
Oct 31 1980	12.5"	24mm			
Sep 18 1980	12.5"	24mm			
Sep 10 1980	12.5"	24mm		HELIX NEB,WITH NEB FILTER E!!!	
<b>107</b>	<b>NGC</b>	<b>7354</b>	<b>Cep</b>	<b>H705-2 Planetary Neb 4+3b</b>	<b>PLN,B,S,R,PGVLBM</b>
Sep 12 2012	36"	17mmT4		PB,ML,R,UB,MHISB,BLUEISH GREEN,NO CNTR*,OIII DARKENS NEB AND BRINGS OUT MORE DET,PATCHY,DARK AREAS,R=E	
Sep 02 2008	31"	17mmT4		PB,ML,R,UB,GREENISH,NO CNTR* TOO F,OIII DOESNOT HELP MUCH,R=E	
Jul 09 1983	12.5"	12mm		VF,PS,2F*S ON EDGE,VR,SOFT UB GLOW	
<b>108</b>	<b>NGC</b>	<b>7662</b>	<b>And</b>	<b>H18-4 Planetary Neb 4+3</b>	<b>PLN ORRING,VB,PS,R</b>
Sep 22 2022	12.5"	9mmT6		VB,PL,B CNTR *,GRAN NEB SUR *,NEB FADES,MHISB NEB,R=G	
Sep 02 2008	31"	17mmT4		VB,ML,OVAL-R,B GREENISH,B INNER RING NOT SYM,B GREENISH EDGES IN SPOTS,CNTR* 14TH MAG,R=E	
Aug 31 1984	12.5"	12mm		MB,VS,VR,UNIFORM BLUEISH COLOR,* CLOSE BY	
Sep 23 1981	12.5"	16mm		B BLUEISH GREEN,UB,R WITH FUZZY EDGES,NO CNTR *,MB,PS,15* SW	
Jul 15 1980	12.5"	24mm			
<b>109</b>	<b>JONES</b>	<b>1</b>	<b>Peg</b>	<b>Planetary Neb 3b</b>	

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<b>109 JONES 1</b>	<b>Peg</b>	<b>Planetary Neb 3b</b>
Sep 02 2008 31"	17mmT4	DIF,VF,VL,PATCH,OIII HELPS MUCH,2 CRESENT HALVES,SVRL VF*S IN CNTR REG,CNTR* 16TH MAG,BKN IN HALF,R=F
<b>110 ABELL 82</b>	<b>Cas</b>	<b>Planetary Neb</b>
Sep 02 2008 31"	17mmT4	DIF,EF,ML,OVAL,CNTR*15MAG,OTHER F*S IN NEB CLOSE TO CNTR,OIII HELPS DET NEB,R=P
Sep 19 2004 31"	17mmT4	VDIF,W/OIII,VF,ML,OVAL,PATCH,B* IN CTR,3F*S IN NEB ONE SIDE,L BALL/PATCH,R=F

Total: 110